

"METHOD AND SYSTEM FOR PRIORITIZING UTOPIA CLAV STATUS POLLING" Applicant: Clement ROBERTSON U.S. Application No. 10/614,337 Attorney Docket No.: 56162.000417

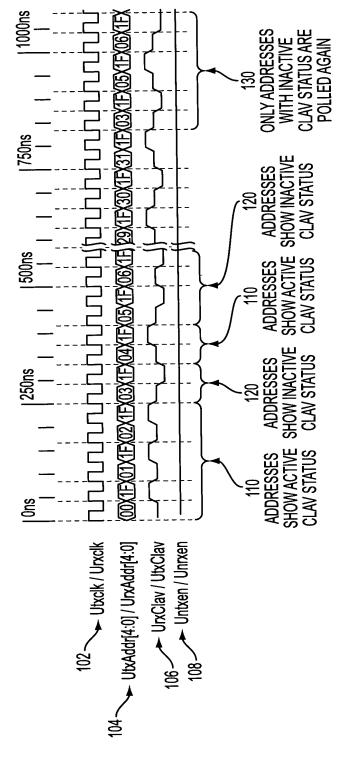


FIG. 1

7.

OR E JOINT

"METHOD AND SYSTEM FOR PRIORITIZING UTOPIA CLAV STATUS POLLING"

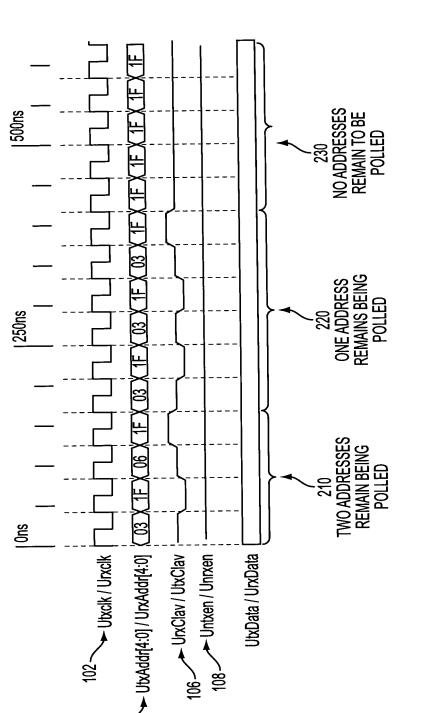
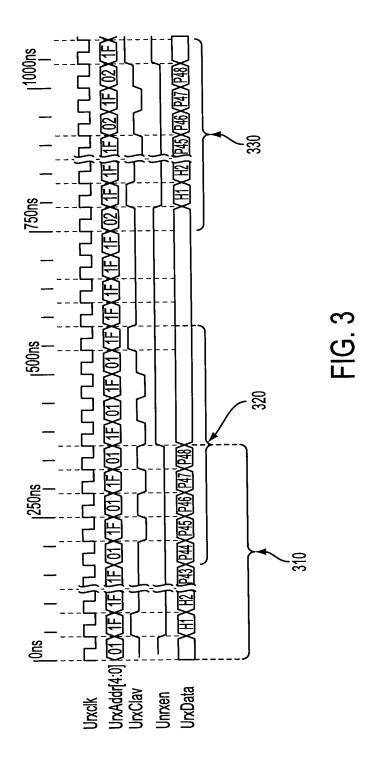


FIG. 2

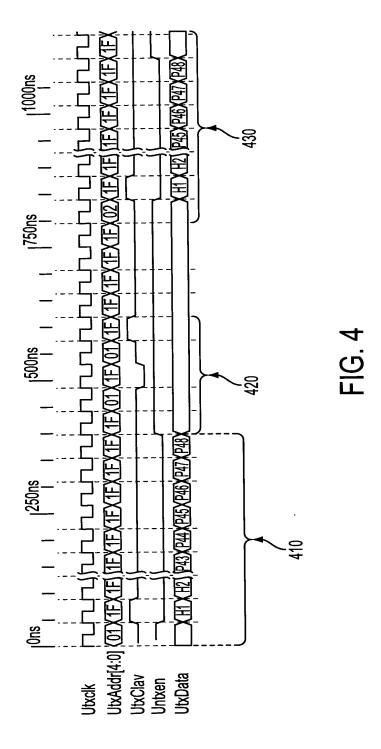


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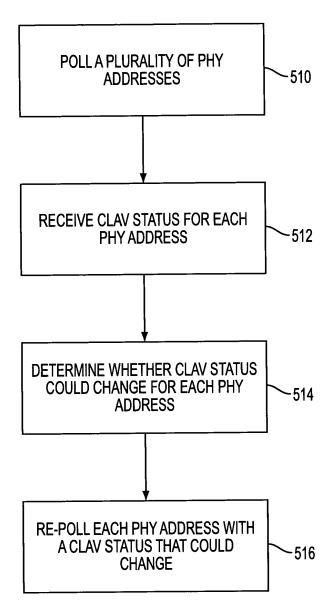


FIG. 5



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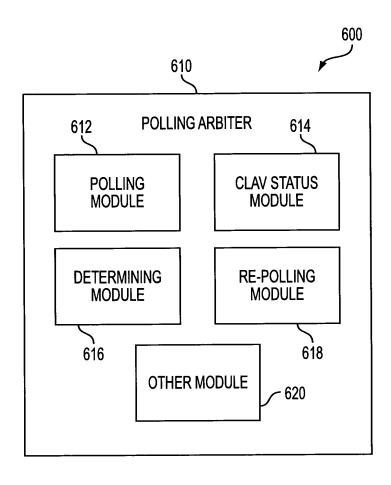


FIG. 6

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PHY ADDR SPEED REG PHY ADDR POLL ENABLE REG 712 710 **CLAV** 714 **CLAV STATUS REG** FAST CONNECTION PHY ADDRESS GENERATION **SLOW** CONNECTION TO PHY ADDRESS GENERATION **PORT POLLING PORT POLLING** 704 -- 718 ADDRESS ROUND ADDRESS ROUND 702 716-**ROBIN LOGIC ROBIN LOGIC POLL GRANTED REQUEST POLL** POLL **GRANTED REQUEST POLL** ~ 720 **POLLING ADDRESS ARBITER NEXT POLL ADDRESS NEXT SERVICE ADDRESS UTOPIA PHY ADDRESS**

FIG. 7



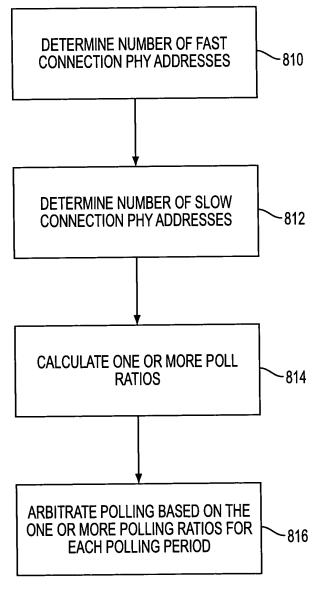


FIG. 8

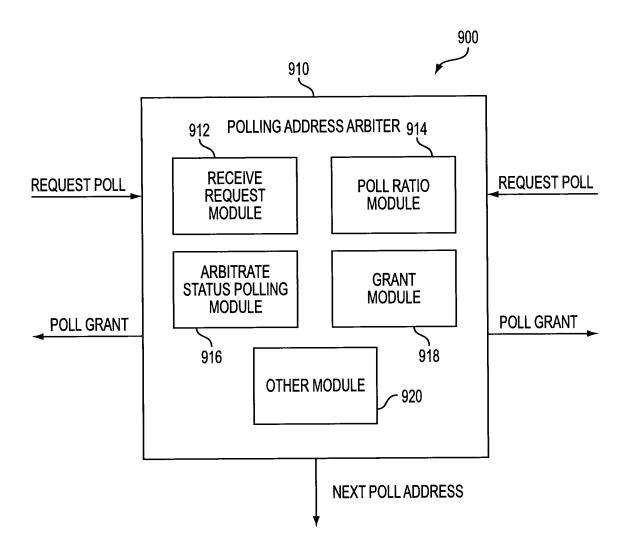
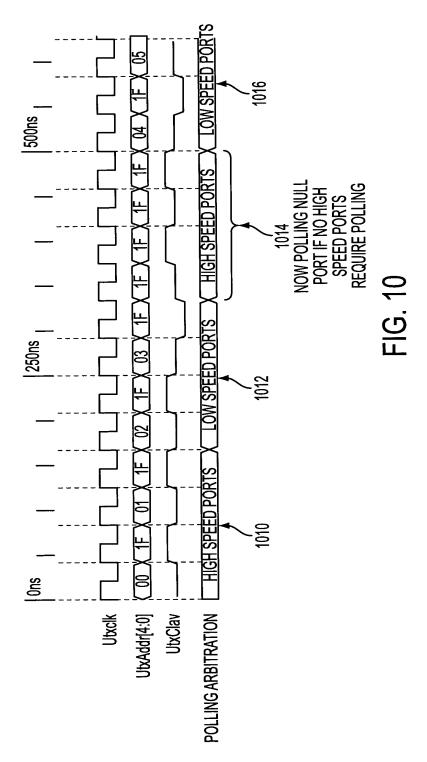


FIG. 9

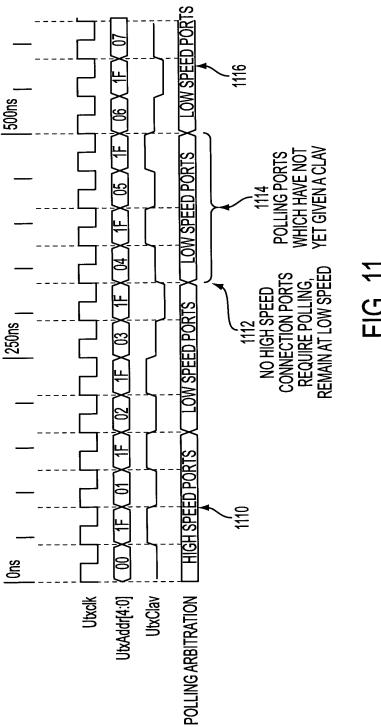


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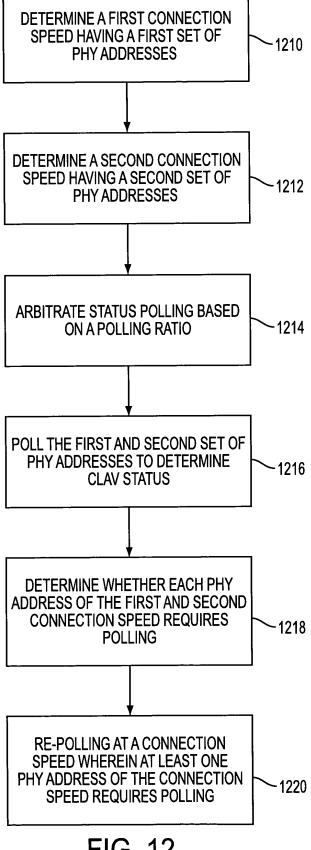


FIG. 12



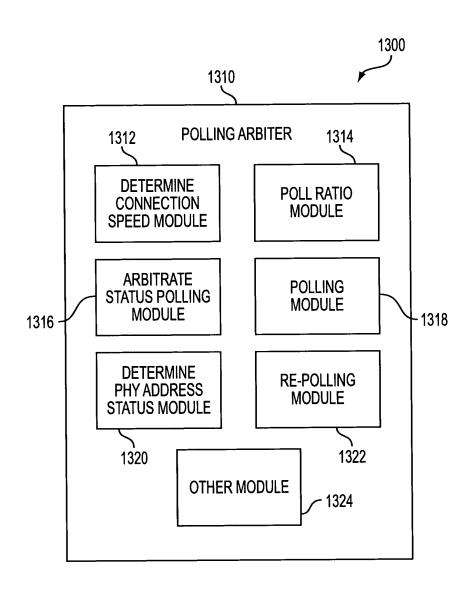
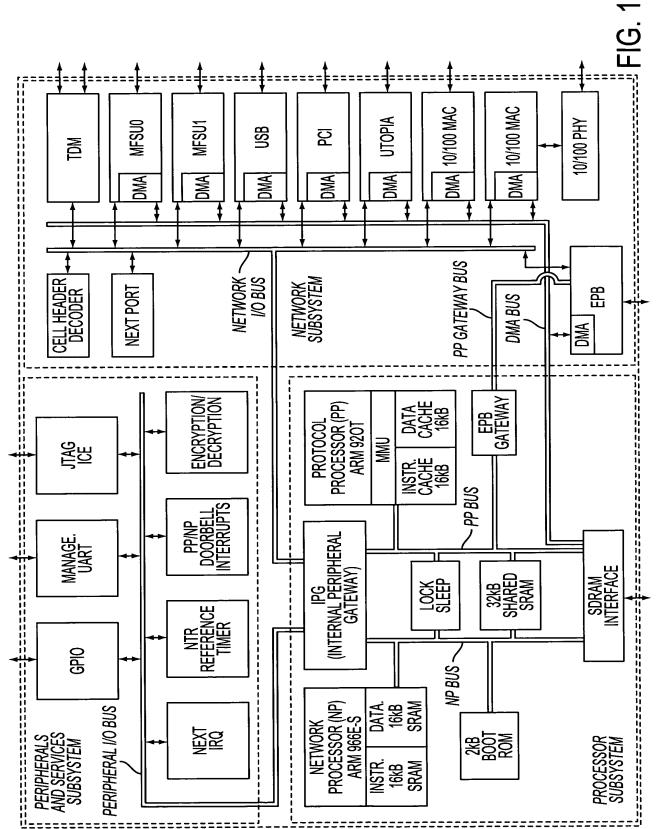


FIG. 13

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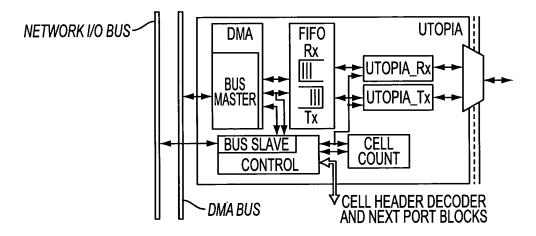


FIG. 15



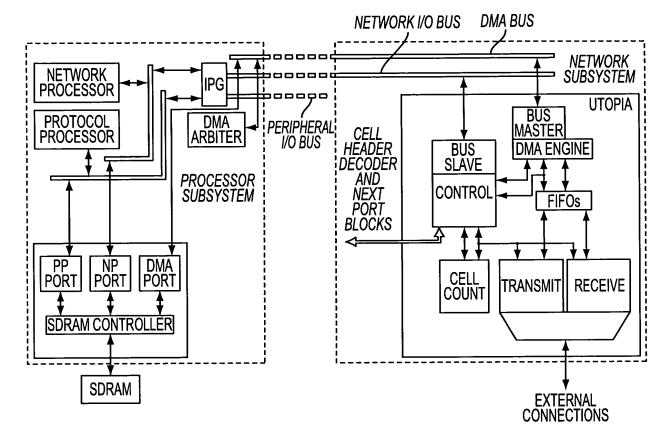
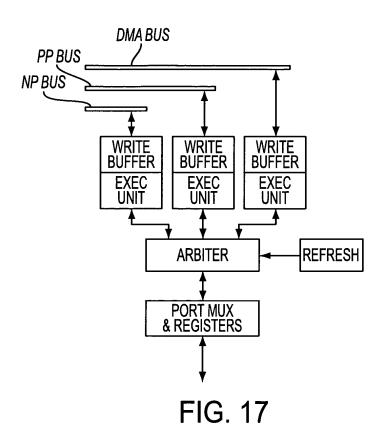


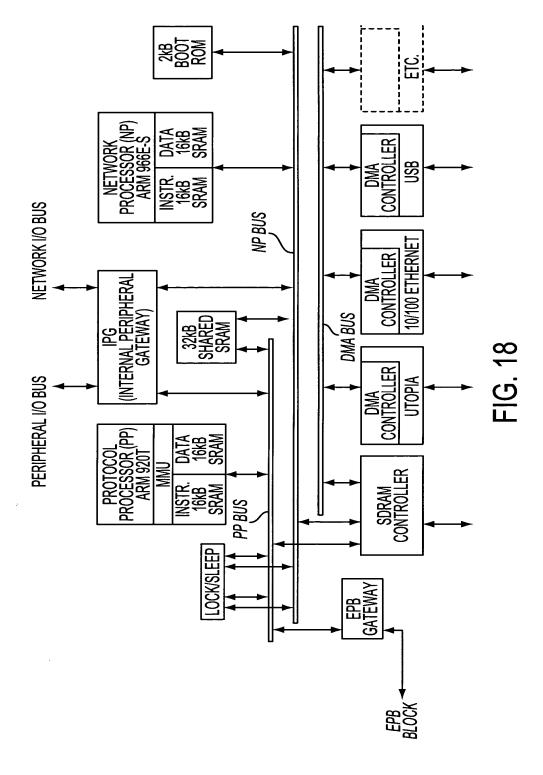
FIG. 16



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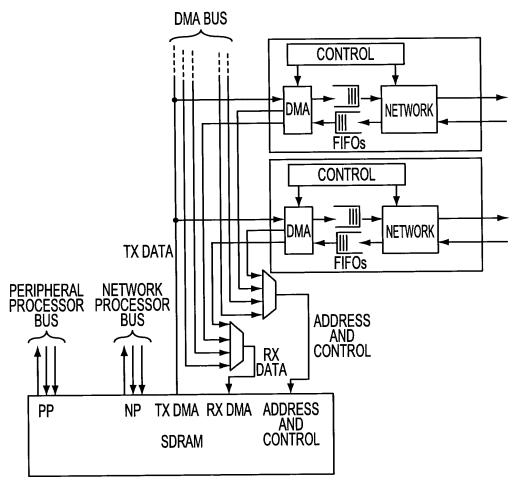


FIG. 19